

U.S. GOVERNMENT PRINTING OFFICE
DEC 18 2002

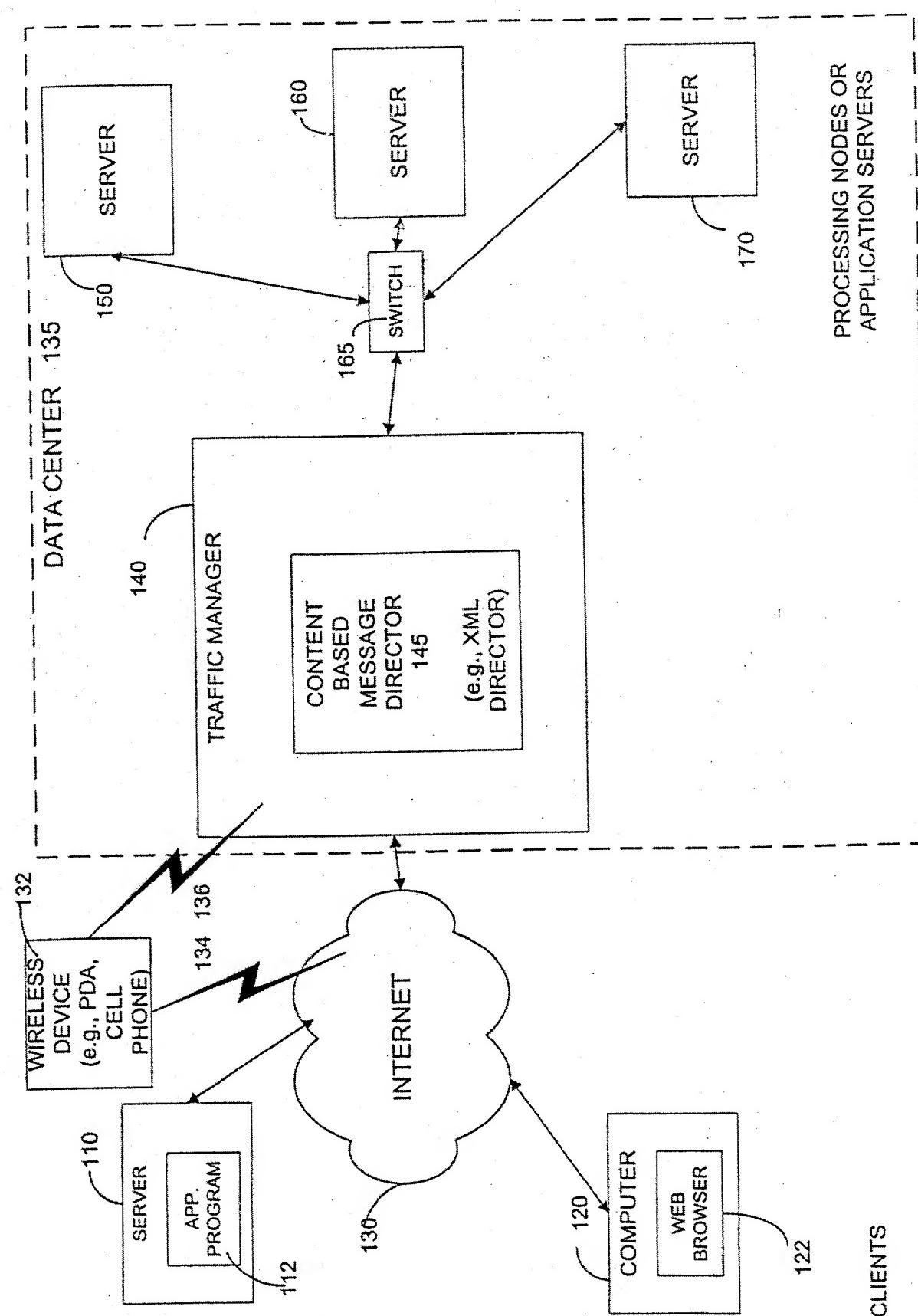


FIG. 1

PROCESSING NODES OR
APPLICATION SERVERS

CLIENTS

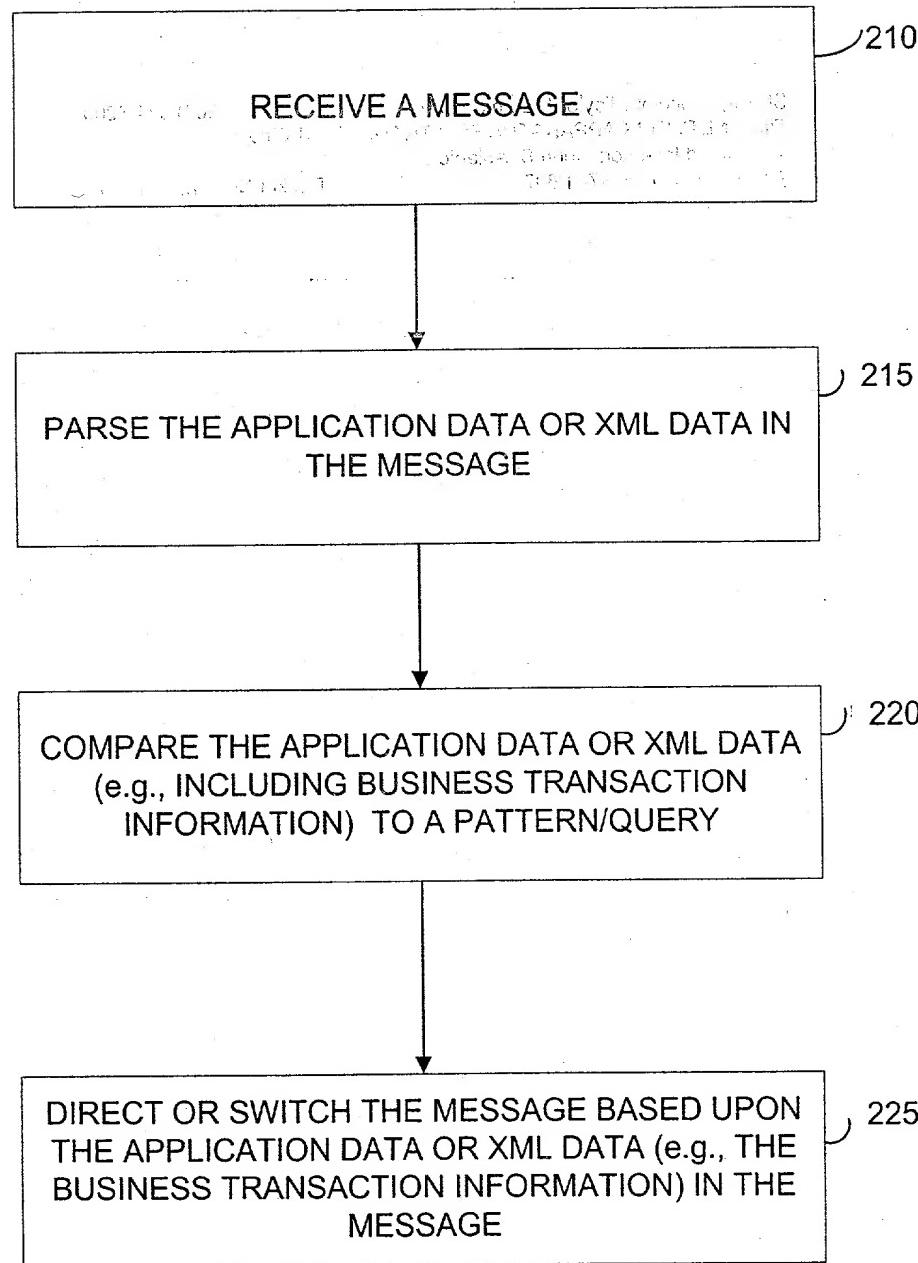
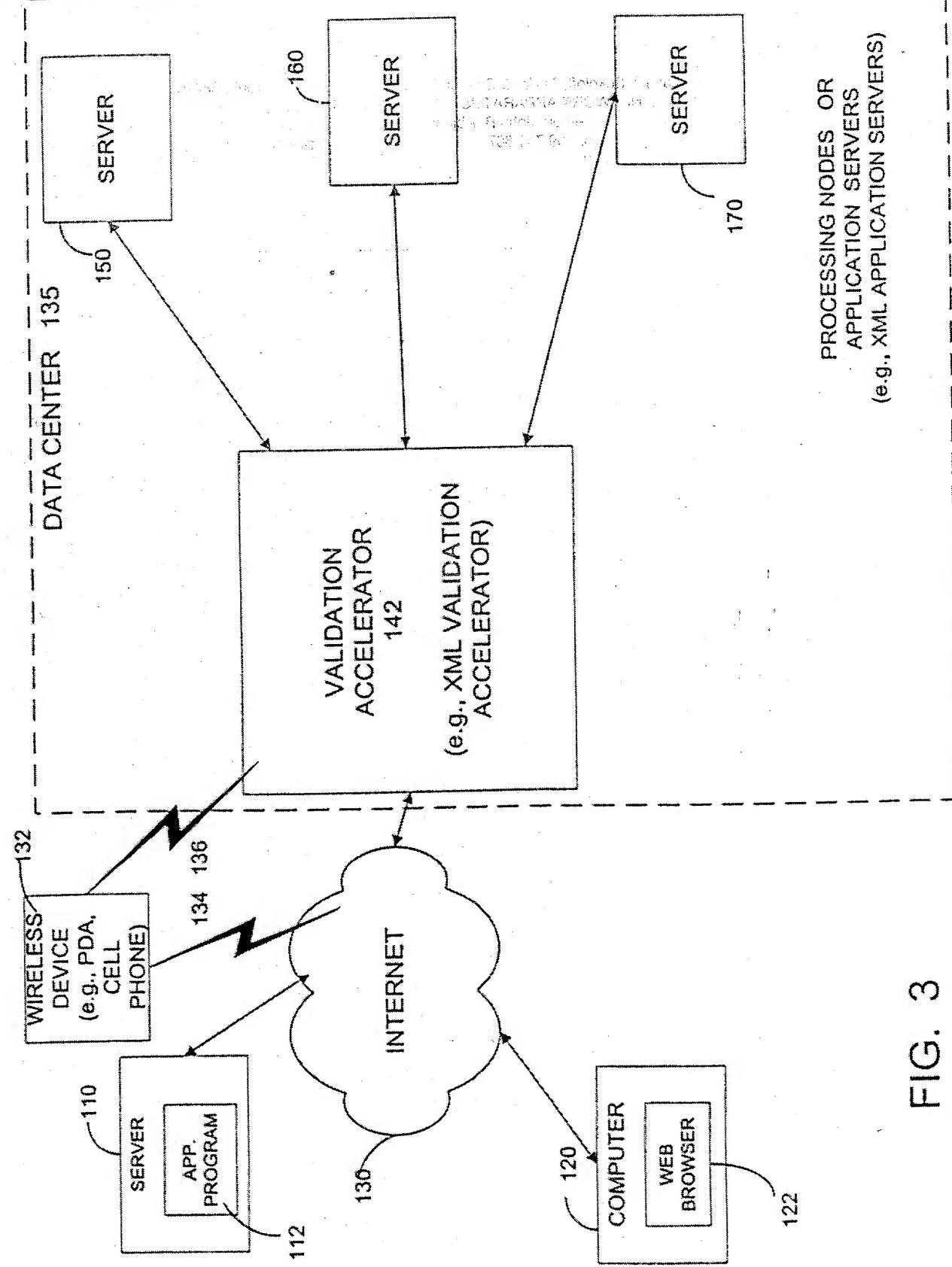


FIG. 2



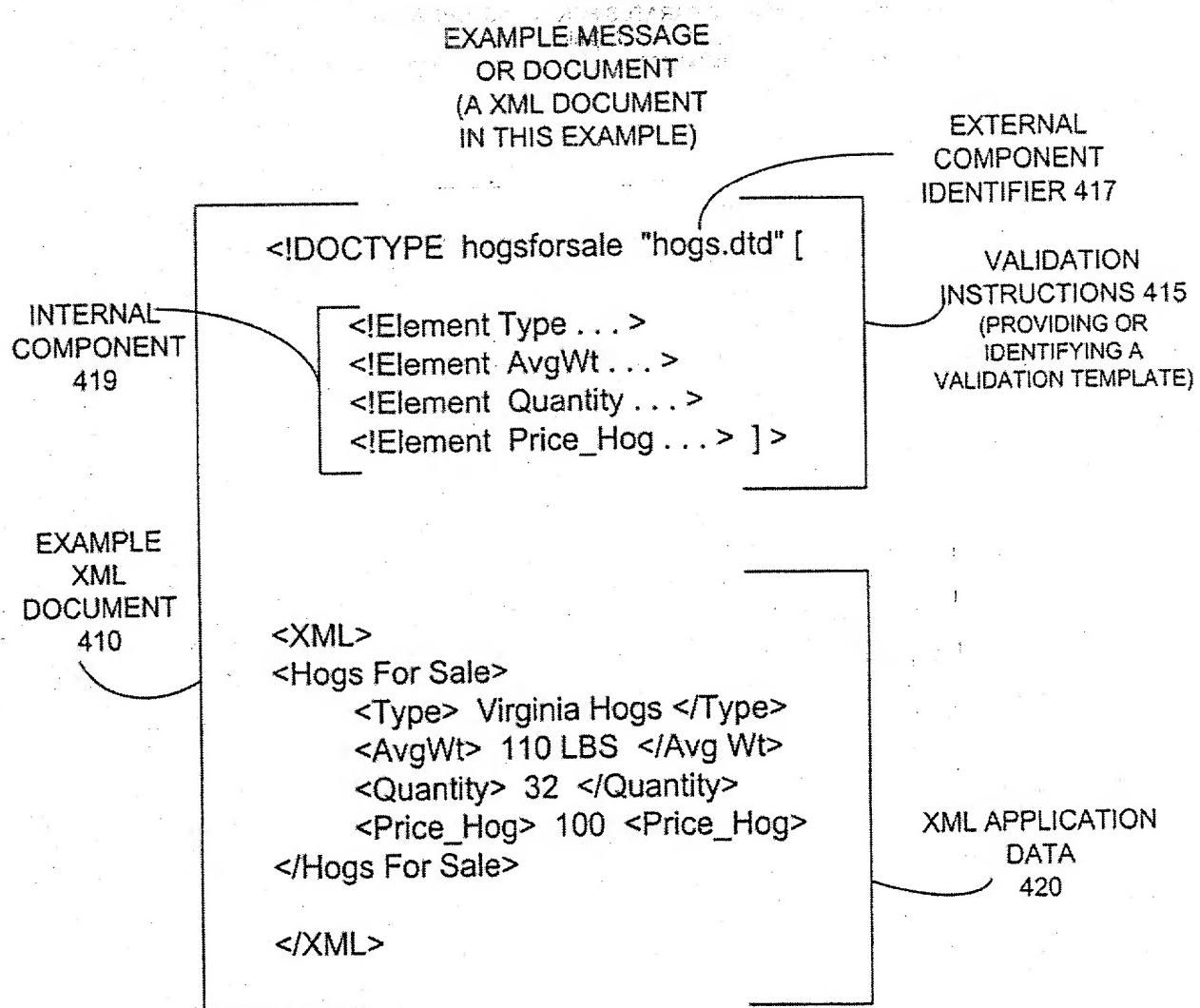


FIG. 4

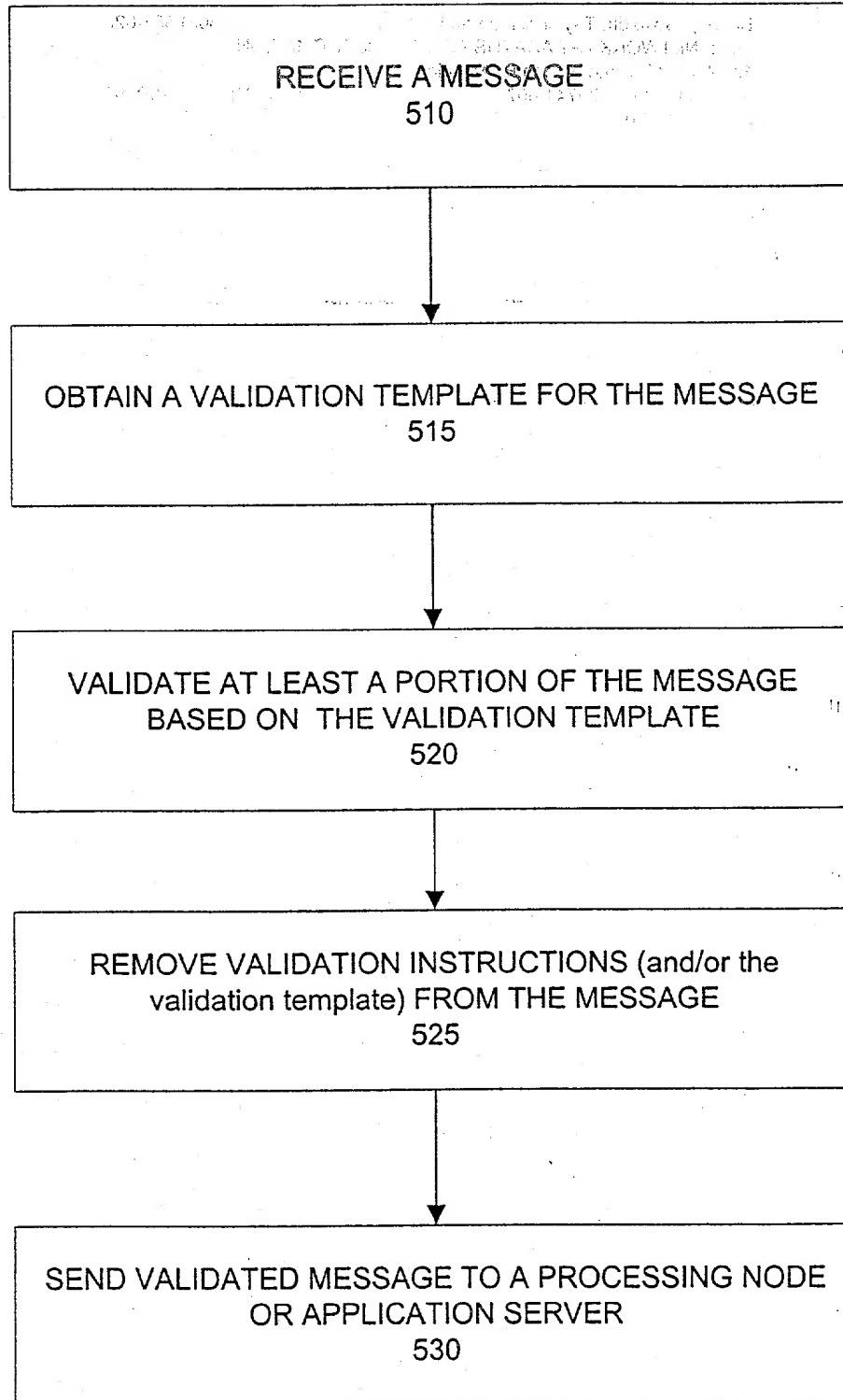


FIG. 5

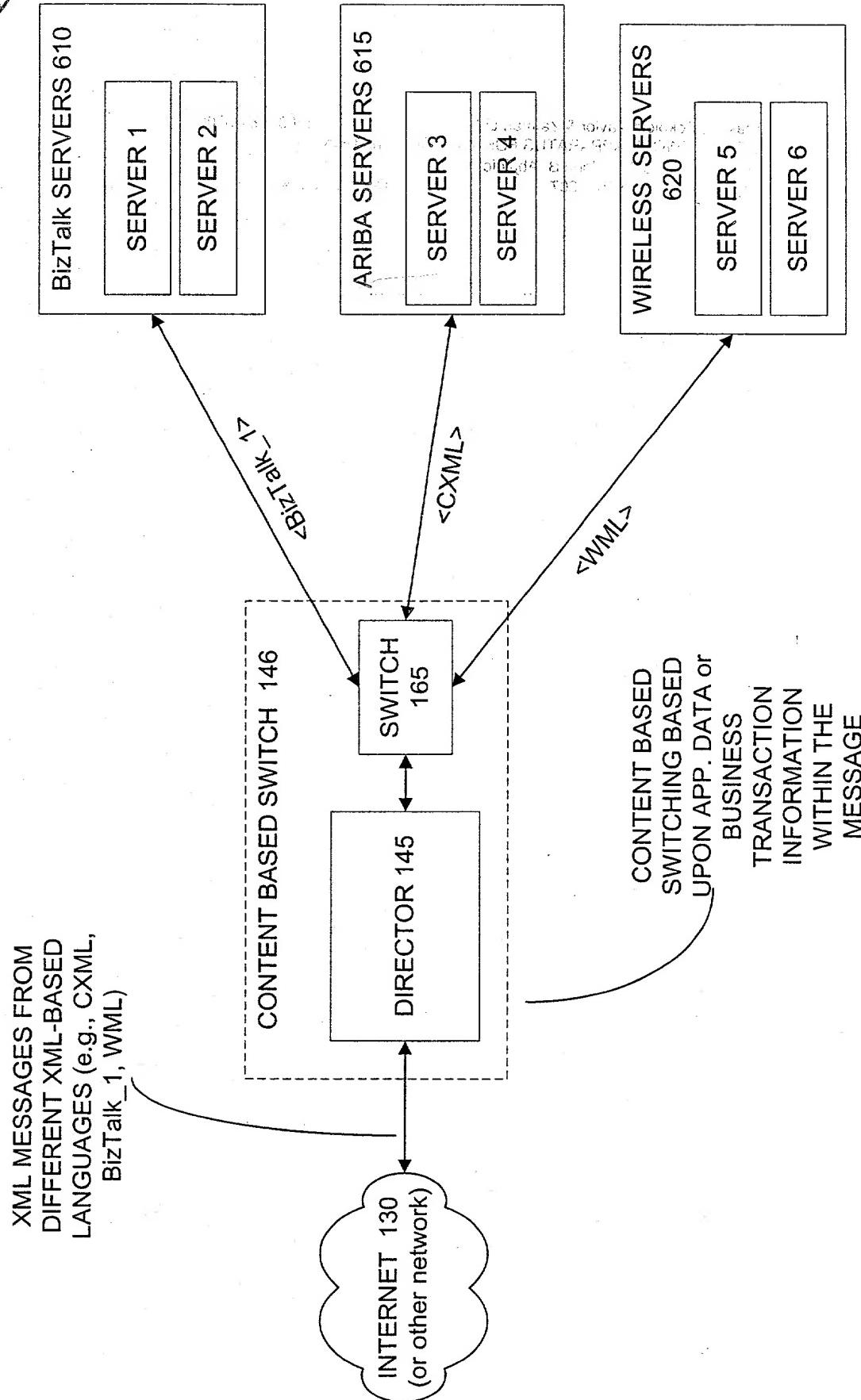


FIG. 6

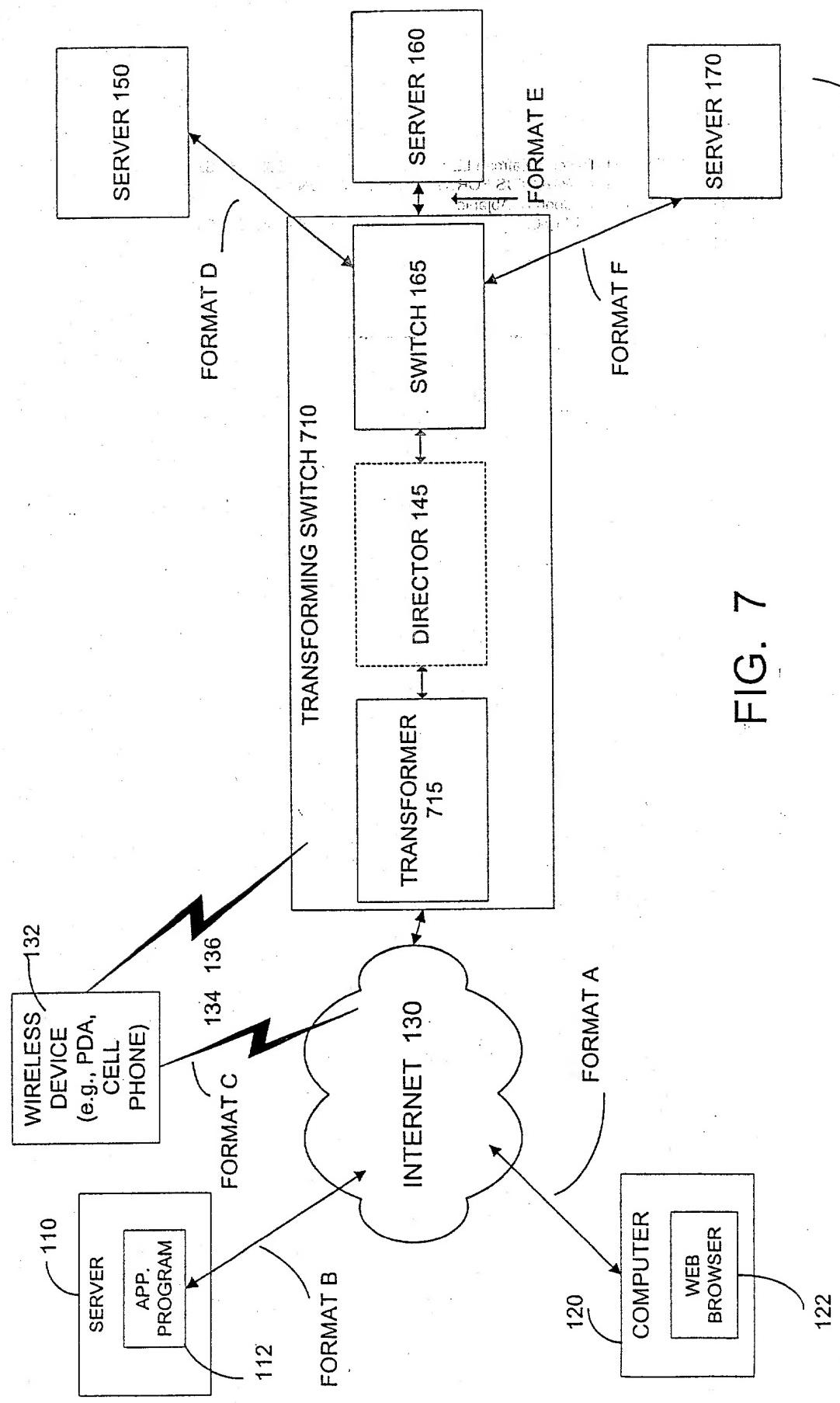
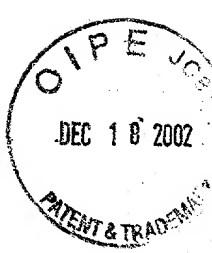


FIG. 7

PROCESSING NODES OR
APPLICATION SERVERS
(e.g., XML APPLICATION SERVERS)

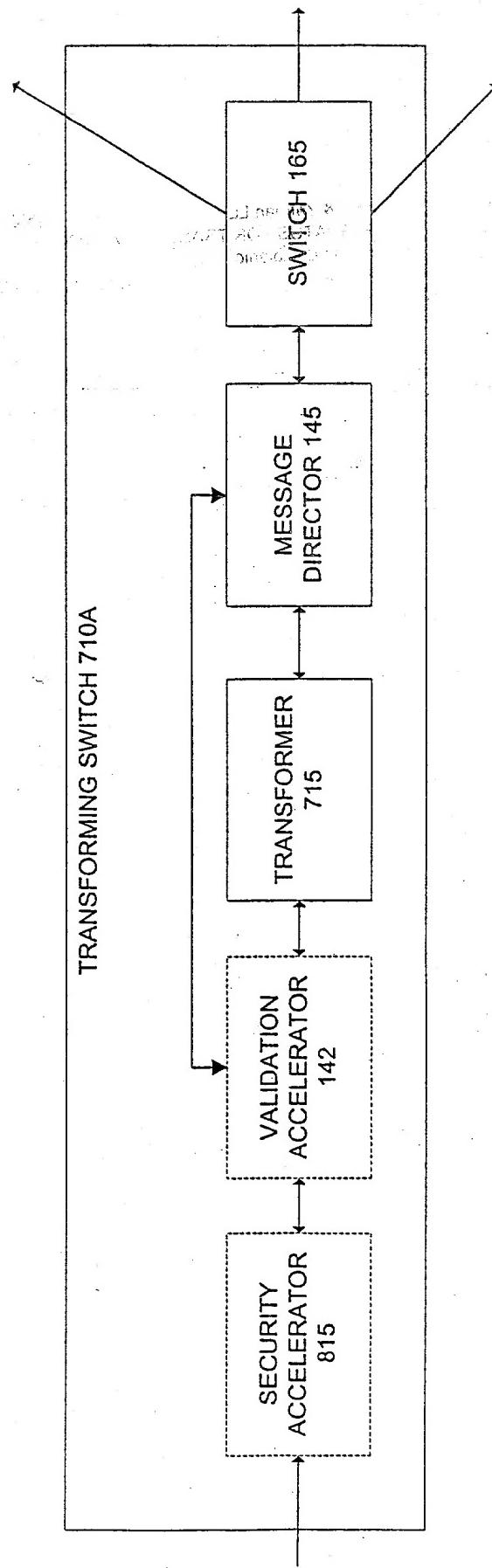


FIG. 8



XFORM
NOT REQUIRED

DETERMINE IF A TRANSFORMATION IS REQUIRED. IF A TRANSFORMATION IS REQUIRED, THEN IDENTIFY THE TYPE OF TRANSFORMATION THAT IS REQUIRED (e.g., If more than 1 transformation is possible). 910

XFORM
REQUIRED

RETRIEVE TRANSFORMATION TEMPLATE 915

PERFORM TRANSFORMATION ON AT LEAST A PORTION OF THE MESSAGE 920

OUTPUT OR SWITCH MESSAGE 925

FIG. 9

Format Transformation (Outbound)

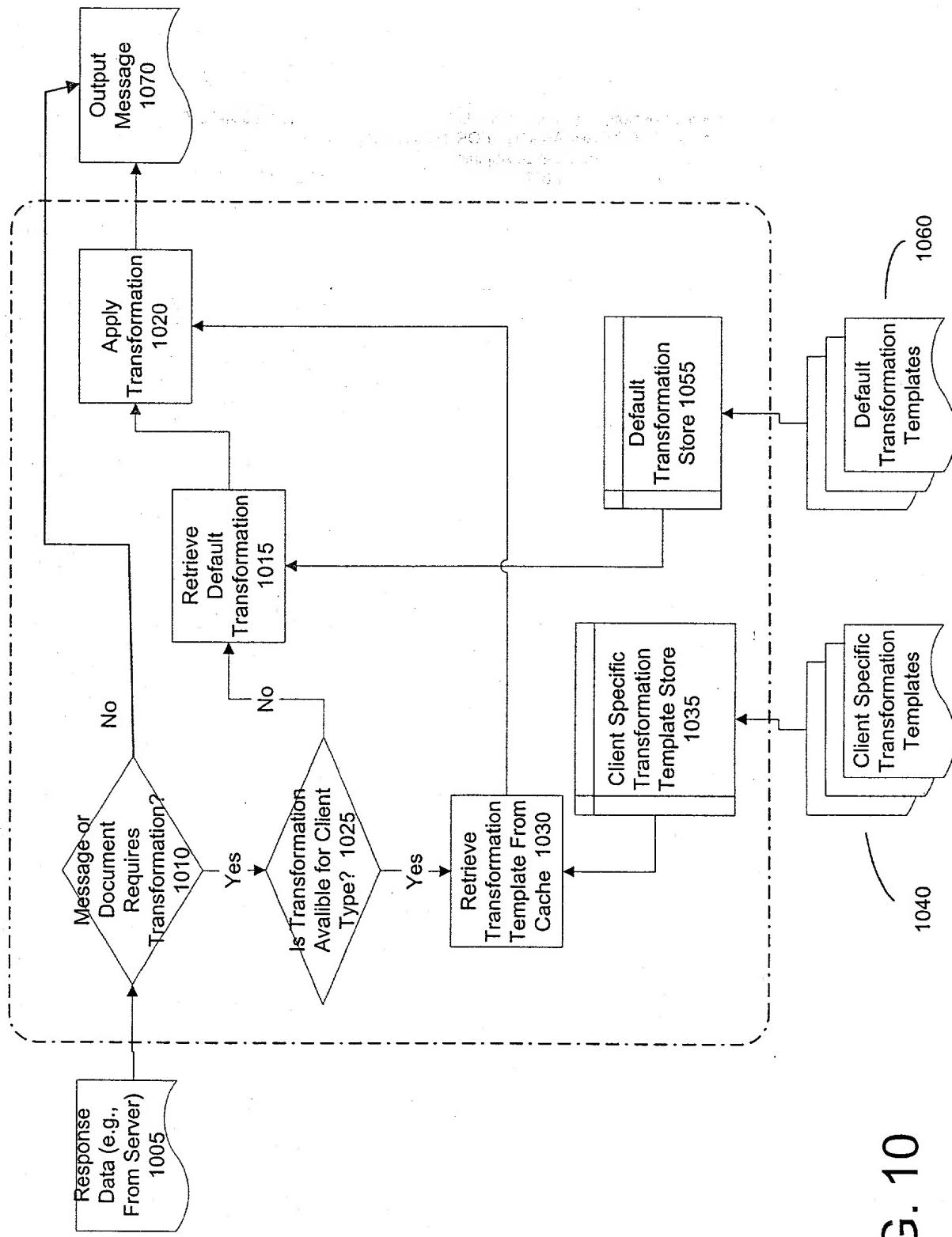


FIG. 10

